LLP-1: RVIEVVQGACRAIRHIPRRIRQGLERIL
SA-5: RVI**R**VVQ**R**ACRAIRHI**V**RRIRQGL**R**RIL
LSA-5: RVI**R**VVQ**R**ACRAIRHI**V**RRIRQGL**R**RIL**RVV**
WLSA-5: R**W**I**R**VVQ**RW**CRAIRHI**W**RRIRQGL**R**R**W**L**RVV**

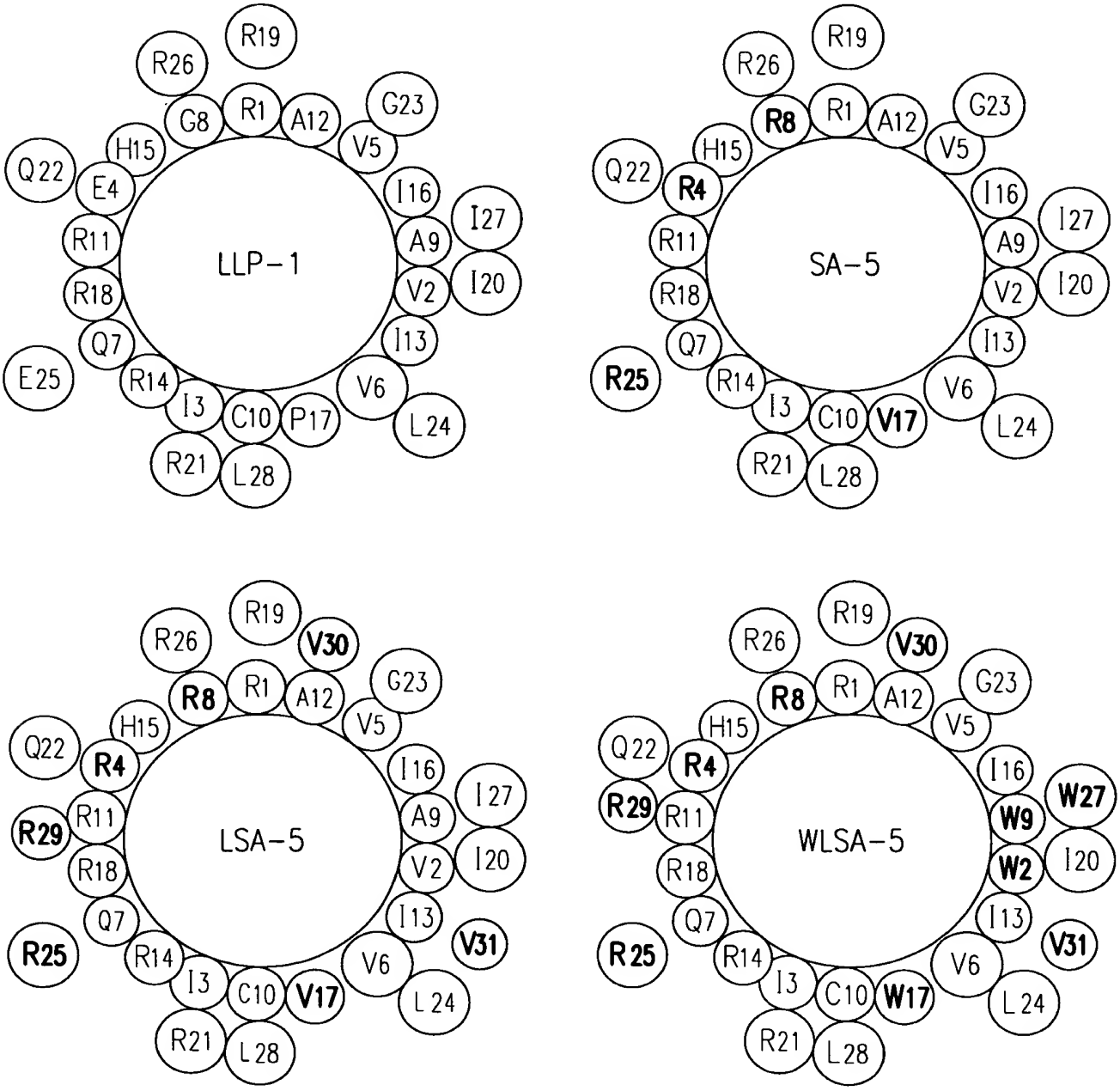
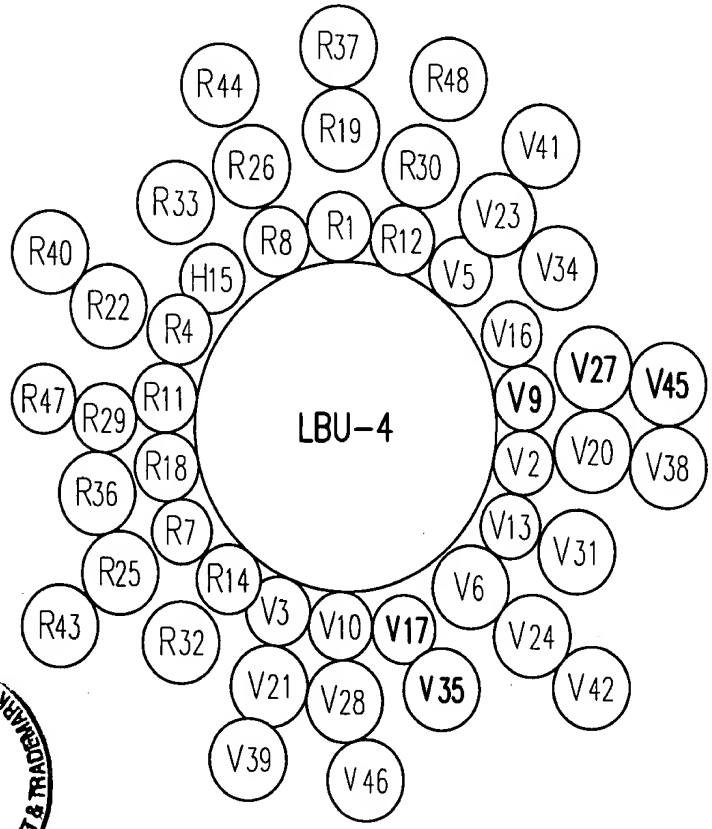


FIG. 1

LBU-1	RVVRVVRRVVRR (SEQ ID NO:4)
LBU-2	RRVVRRVRRVVRRVVRVVRRVVRR (SEQ ID NO:5)
LBU-3	VRRVVRRVVRVVRRVVRRVRRVVRRVVRVVRRVVRR (SEQ ID NO:6)
LBU-3.5	RRVVRRVRRVVRRVVRVVRRVVRRVRRVVRRVVRVVRRVVRR (SEQ ID NO:7)
LBU-4	RVVRVVRRVVRRVRRVVRRVVRVVRRVVRRVRRVVRRVVRVVRRVVRR (SEQ ID NO:8)
WLBU-1	RVVRVVRRWVRR (SEQ ID NO:9)
WLBU-2	RRWVRRVRRVWRRVVRVVRRWVRR (SEQ ID NO:10)
WLBU-3	VRRVWRRVVRVVRRWVRRVRRVWRRVVRVVRRWVRR (SEQ ID NO:11)
WLBU-4	RVVRVVRRWVRRVRRVWRRVVRVVRRWVRRVRRVWRRVVRVVRRWVRR (SEQ ID NO:12)



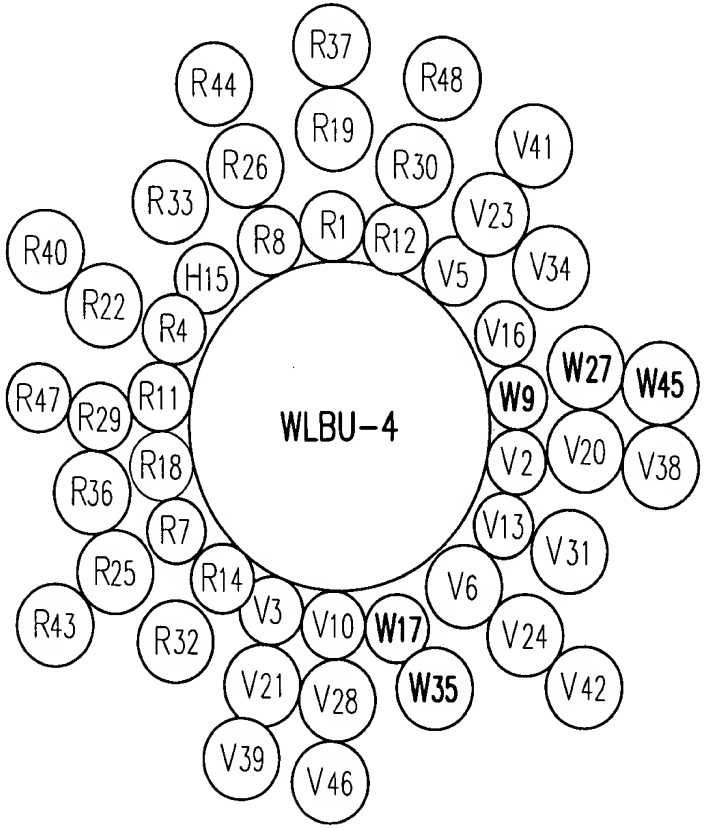


FIG.2

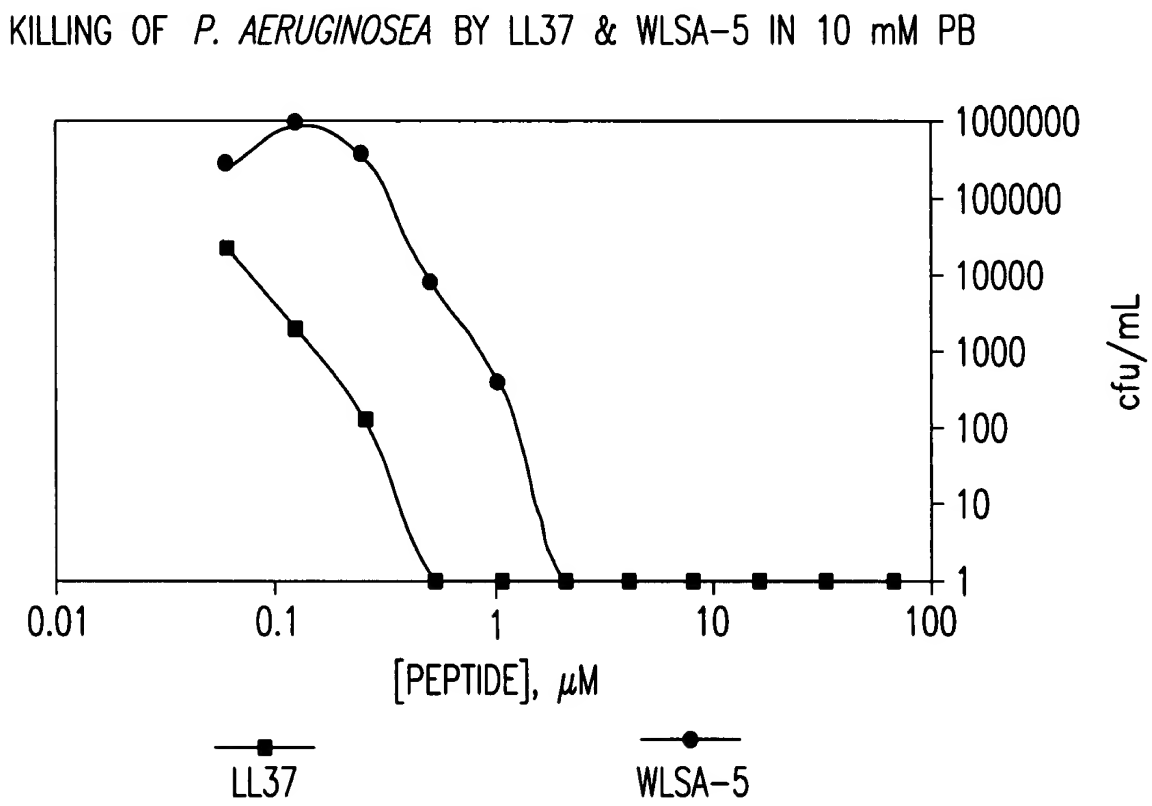


FIG.3

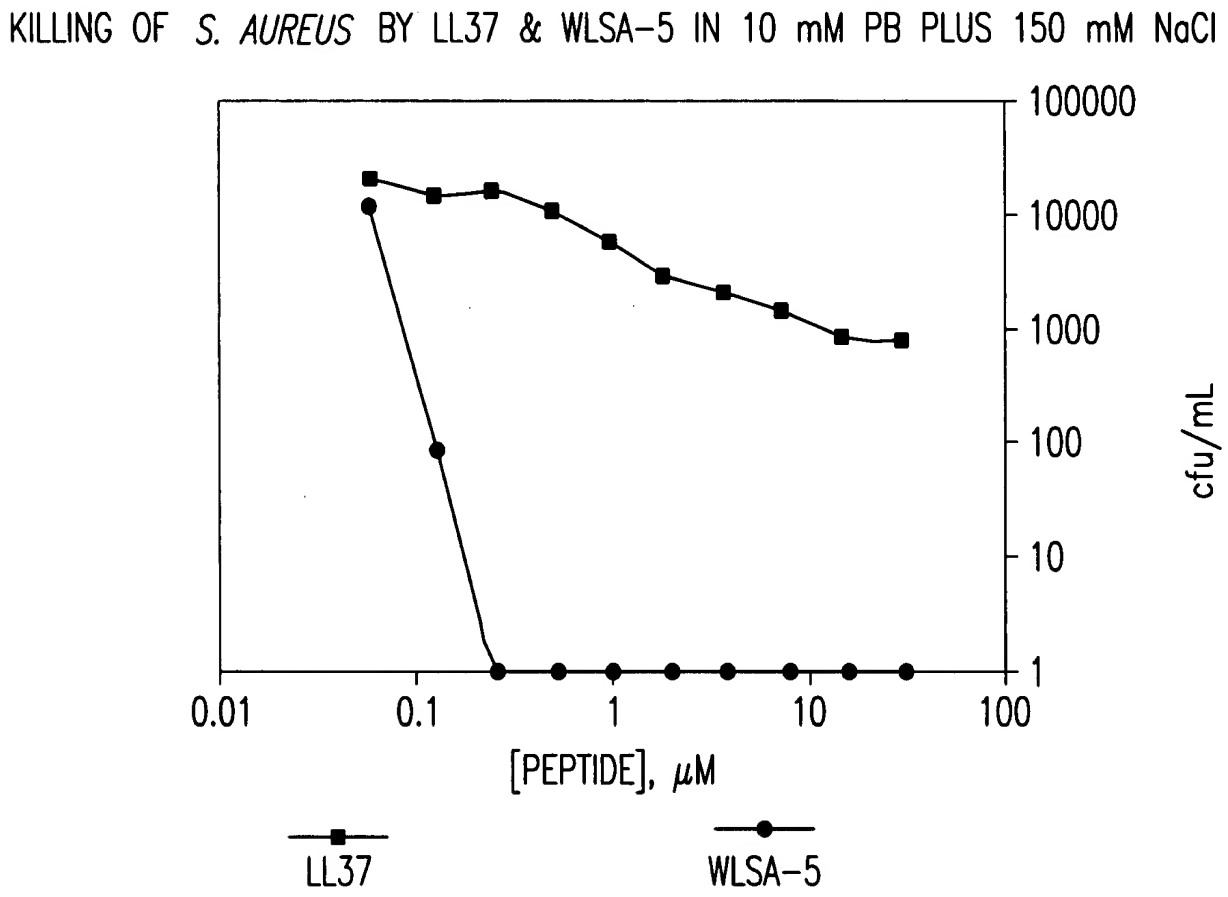


FIG.6

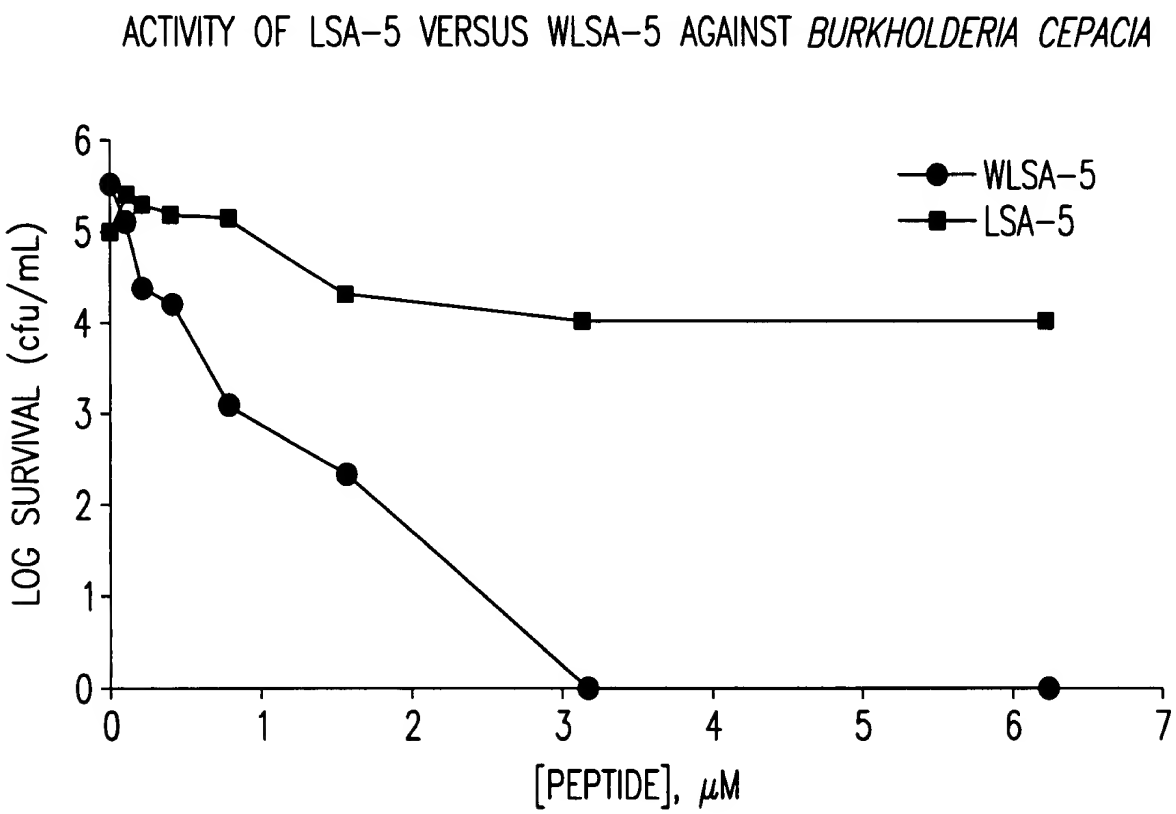


FIG.7

ANTIBACTERIAL ACTIVITY OF WLSA-5 AND THE HOST DERIVED LL37 AGAINST 10 DIFFERENT STRAINS OF *B. CEPACIA* REPRESENTING MULTIPLE GENOMOVARS.

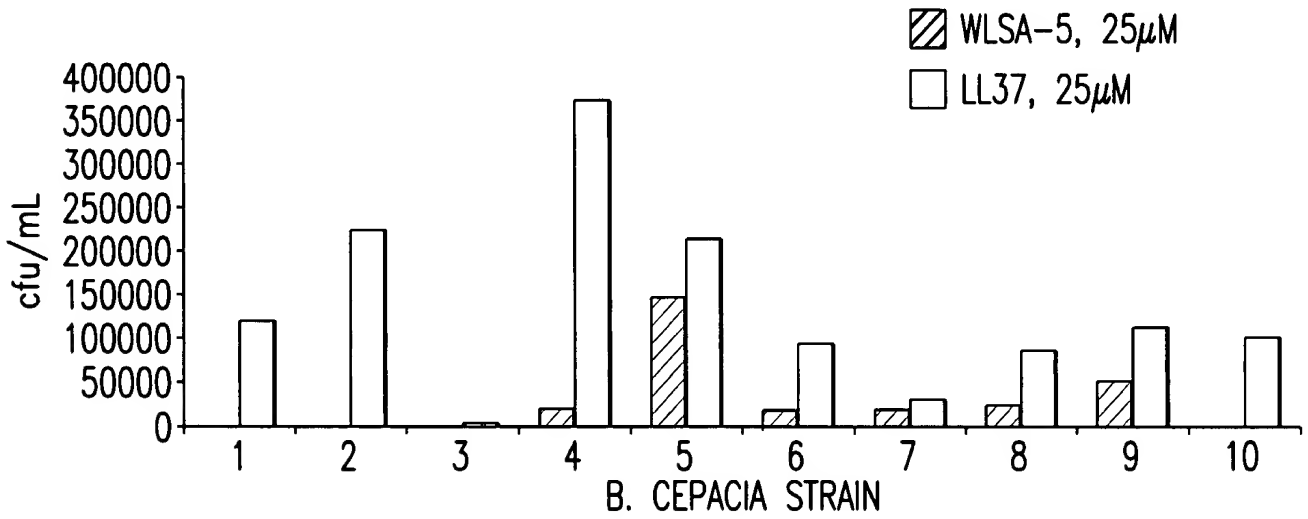


FIG.8

SELECTIVE TOXICITY OF WLSA-5 FOR *P. AERUGINOSA* BOUND TO CF HUMAN BRONCHIAL EPITHELIAL CELLS IN CULTURE

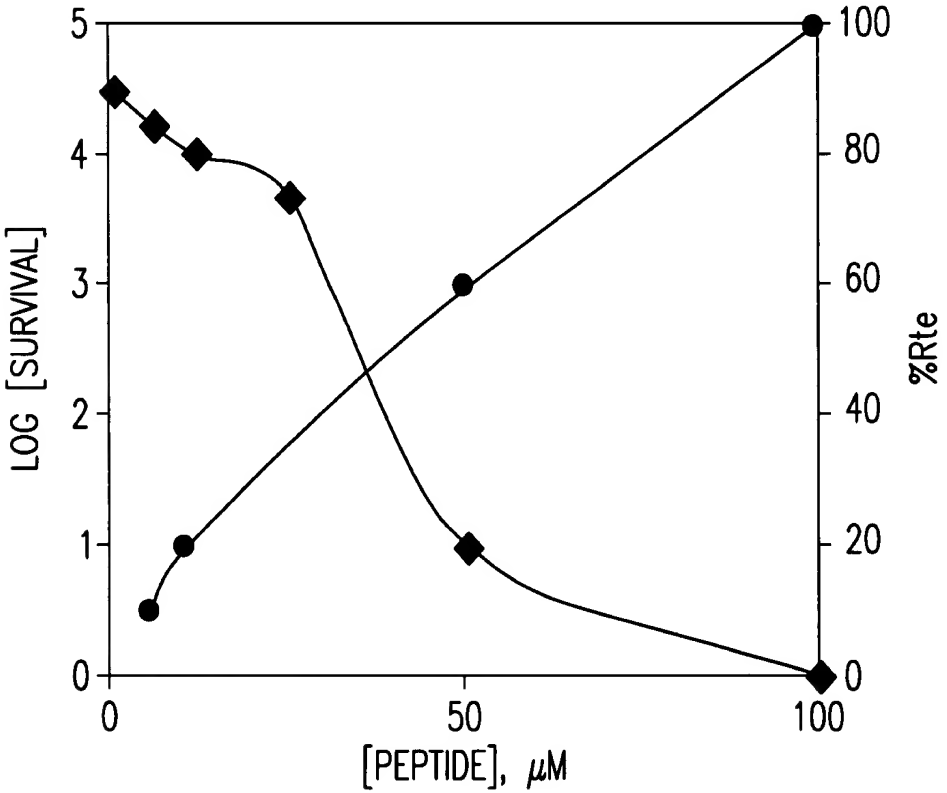


FIG.9

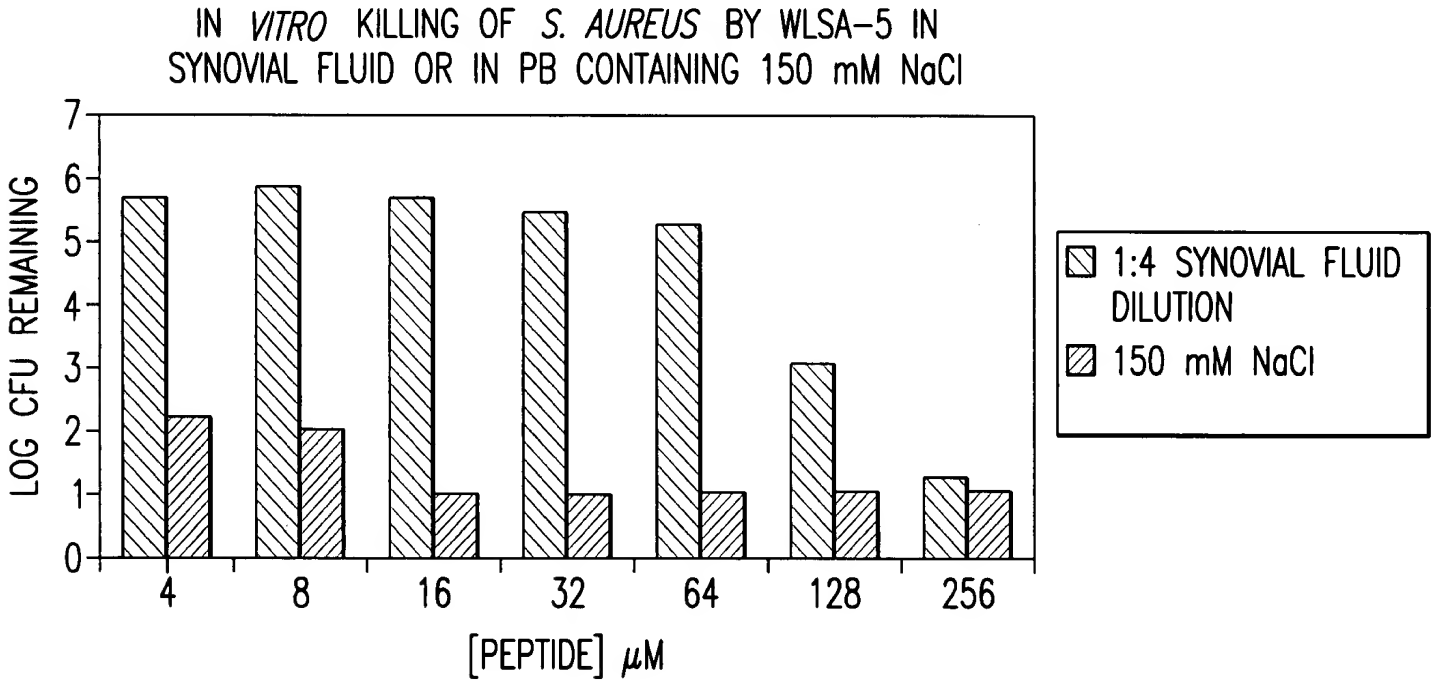


FIG.10

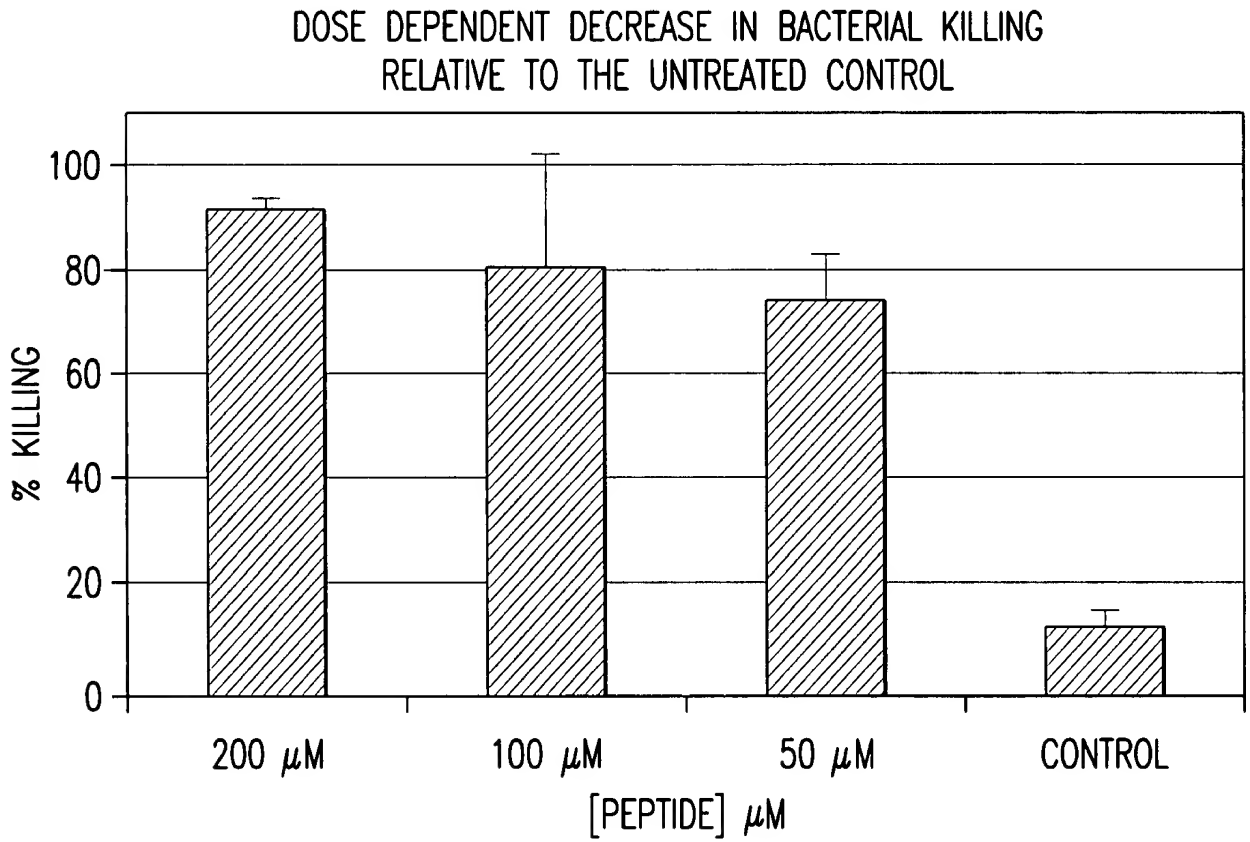


FIG.11

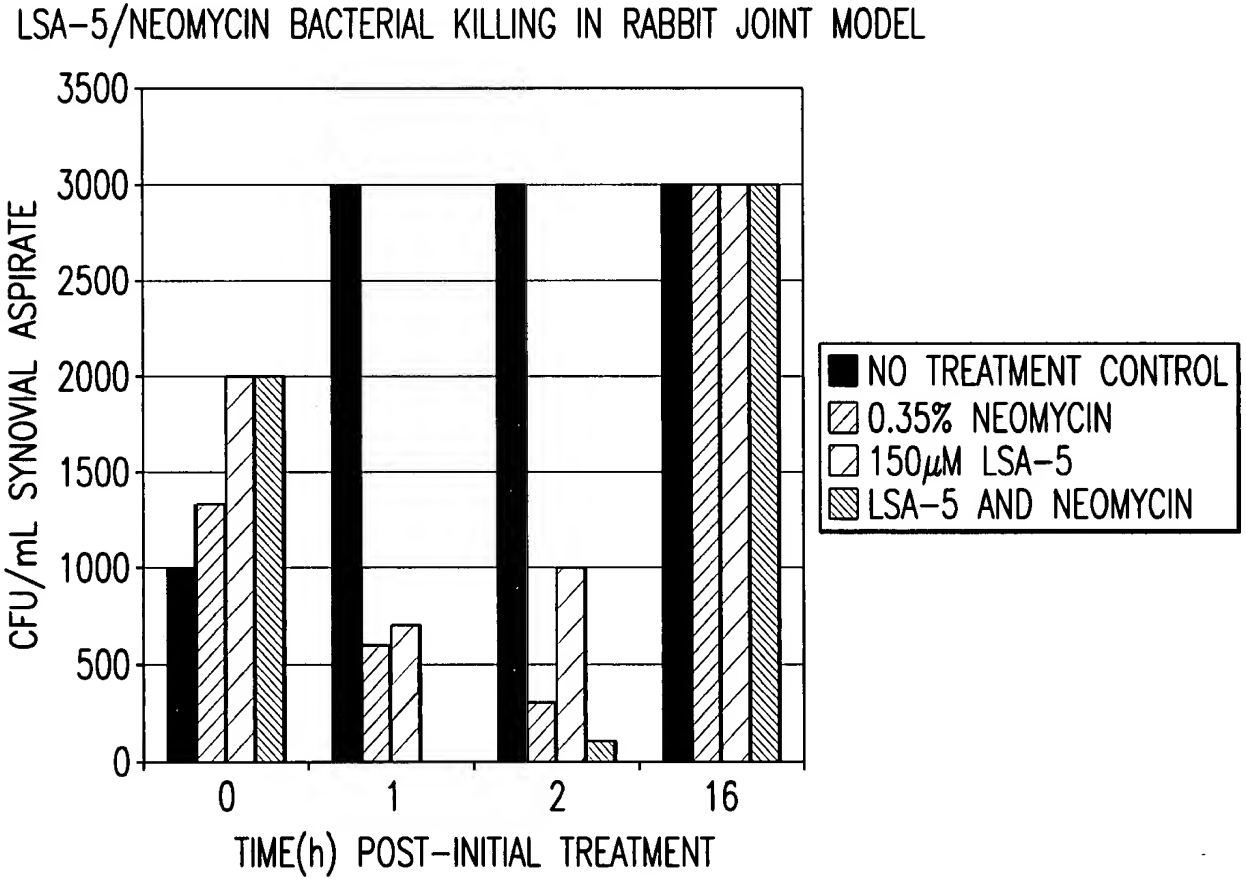


FIG.12

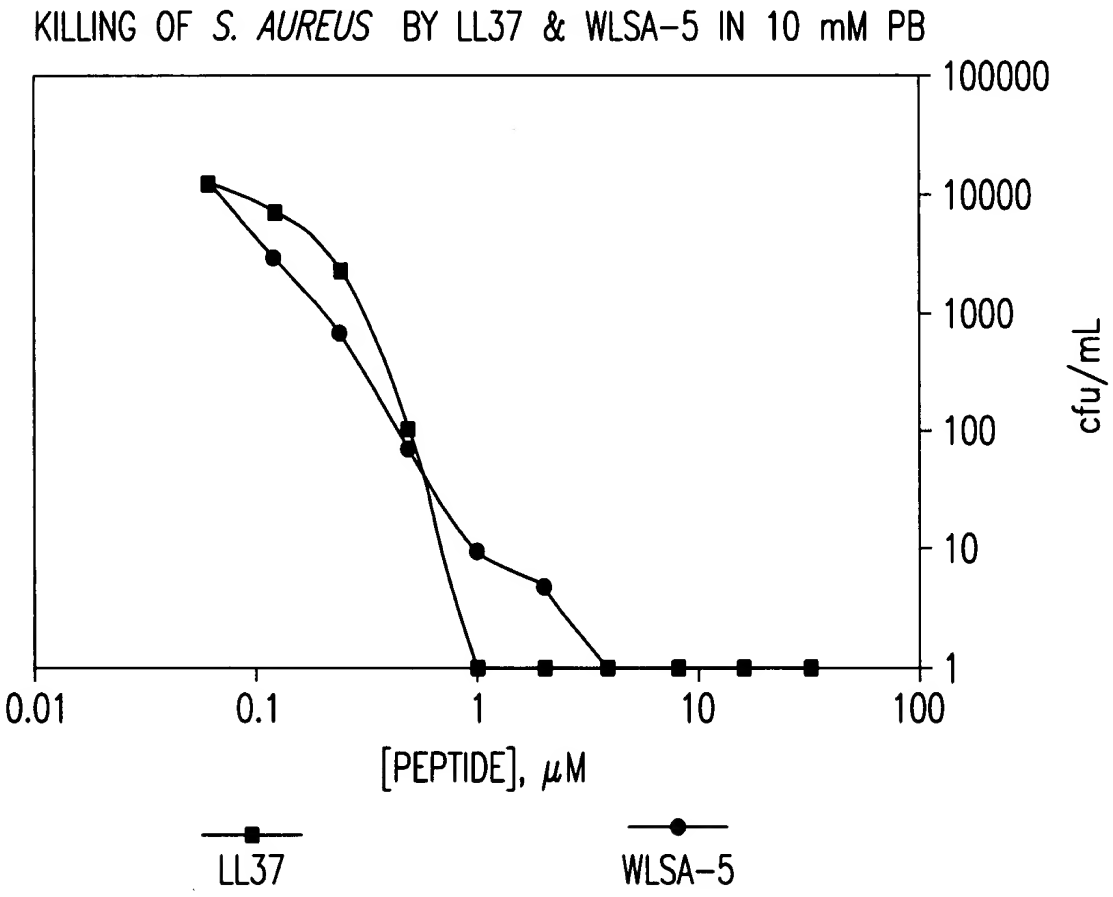


FIG.4

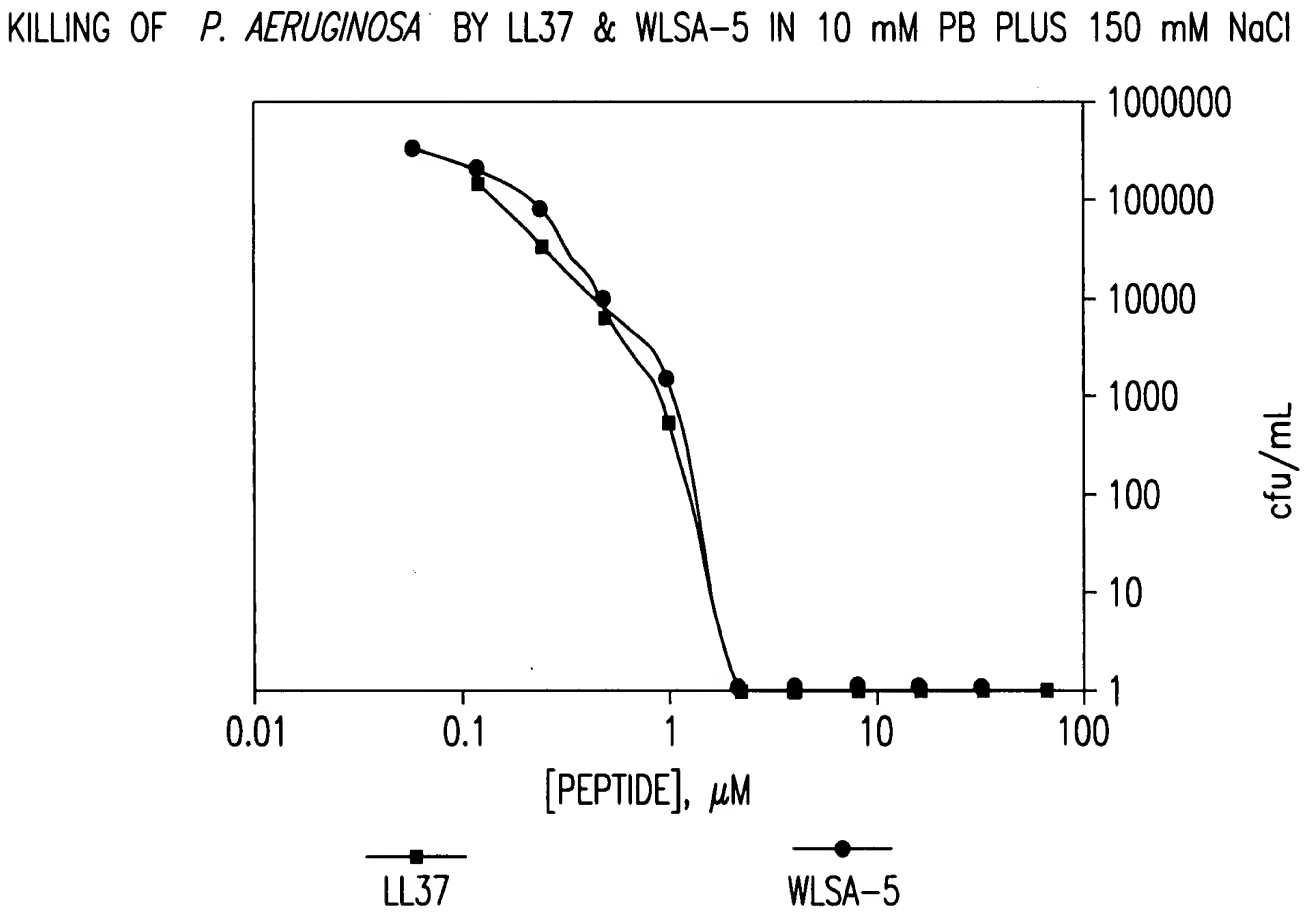


FIG.5